Statement of Special Inspections

City of Keene, Code Enforcement Department

Project:

Location:

Owner:

Owner's Address:

Architect of Record:

Structural Engineer of Record:

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection requirements of the City of Keene Building Code. It includes a Schedule of Special Inspection Services applicable to this project as well as the name of the Special Inspector and the identity of other approved agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections and shall furnish inspection reports to the Building Official, Structural Engineer and Architect of Record. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official, Structural Engineer and Architect of Record. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official, Owner, Structural Engineer and Architect of Record.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: or ☐ per attached schedule.

Prepared by:

(type or print name)

Signature Date

Design Professional Seal

Owner's Authorization:

Signature Date

Building Official's Acceptance:

Signature Date

Seismic Design Category = _____.

Project:

Schedule of Special Inspection Services

The following sheets comprise the required schedule of special inspections for this project. The construction divisions which require special inspections for this project are as follows:

- ☐ Soils and Foundations
- ☐ Cast-in-Place Concrete
- ☐ Precast Concrete
- ☐ Masonry
- ☐ Structural Steel
- ☐ Cold-Formed Steel Framing
- ☐ Spray Fire Resistant Material
- ☐ Wood Construction
- ☐ Exterior Insulation and Finish System
- ☐ Special Cases

Inspection Agents	Firm	Address
1. Special Inspector		
2. Testing Laboratory		
3. Testing Laboratory		
4. Other		

Note: The qualifications of all personnel performing Special Inspection activities are subject to the approval of the Building Official.

The inspection and testing agent shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

The credentials of all Inspectors and testing technicians shall be provided if requested.

It is recommended that the person administering the Special Inspections program be a Professional Engineer experienced in the design of buildings.

Key for Minimum Qualifications of Inspection Agents (where indicated on Schedules)	
PE	Professional Engineer
EIT	Engineering in Training
ACI	American Concrete Institute Certified Concrete Field Testing Technician
AWS	American Welding Society Certified Welding Inspector
ASNT	American Society of Non-Destructive Testing - Level II or III

Qualifications of inspection agents may be indicated on the Schedule in instances where the Structural Engineer deems such requirements are appropriate.

Schedule of Special Inspection Services

Soils and Foundations

Project:

Item	Agent No. (Qualif.)	Scope
1. Shallow Foundations		
2. Controlled Structural Fill		
3. Deep Foundations		
4. Other		

Schedule of Special Inspection Services

Cast-in-Place Concrete

Project:

Item	Agent No. (Qualif.)	Scope
1. Mix Design[1]		
2. Material Certification[1]		
3. Reinforcement Installation[2]		
4. Post-Tensioning Operations[3]		
5. Batching Plant[4]		
6. Formwork Geometry		
7. Concrete Placement[5]		
8. Evaluation of Concrete Strength[6]		
9. Curing and Protection[7]		
10. Other		

Schedule of Special Inspection Services

Precast Concrete

Project:

Item	Agent No. (Qualif.)	Scope
1. Plant Certification / Quality Control Procedures		
2. Mix Design[1]		
3. Material Certification[1]		
4. Reinforcement Installation[2]		
5. Prestress Operations[3]		
6. Connections / Embedded Items		
7. Formwork Geometry		
8. Concrete Placement[5]		
9. Evaluation of Concrete Strength[6]		
10. Curing and Protection[7]		
11. Erected Precast Elements		
12. Other		

Schedule of Special Inspection Services

Masonry

Project:

Item	Agent No. (Qualif.)	Scope
1. Material Certification[8]		
2. Mixing of Mortar and Grout[9]		
3. Installation of Masonry[10]		
4. Reinforcement Installation[11]		
5. Grouting Operations[12]		
6. Weather Protection[13]		
7. Evaluation of Masonry Strength[14]		
8. Anchors and Ties[15]		
9. Other		

Schedule of Special Inspection Services

Structural Steel

Project:

Item	Agent No. (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures		
2. Material Certification[16, 17, 18, 19,]		
3. Open Web Steel Joists		
4. Bolting[20]		
5. Welding[21]		
6. Shear Connectors[22]		
7. Structural Details		
8. Metal Deck		
9. Other		

Schedule of Special Inspection Services

Cold-Formed Steel Framing

Project:

Item	Agent No. (Qualif.)	Scope
1. Member Sizes		
2. Material Thickness		
3. Material Properties		
4. Mechanical Connections		
5. Welding		
6. Framing Details		
7. Other		

Schedule of Special Inspection Services

Spray-Applied Fire Resistant Material

Project:

Item	Agent No. (Qualif.)	Scope
1. Material Specifications		
2. Laboratory Tested Fire Resistance Design		
3. Schedule of Thickness		
4. Surface Preparation		
5. Application		
6. Curing and Ambient Condition		
7. Thickness		
8. Density		
9. Bond Strength		
10. Other		

Schedule of Special Inspection Services

Wood Construction

Project:

Item	Agent No. (Qualif.)	Scope
1. Fabricator Certification/ Quality Control Procedures		
2. Material Grading		
4. Connections		
4. Framing and Details Including Permanent Bracing of Trusses which shall be verified by the Engineer of Record		
5. Other		

Schedule of Special Inspection Services

Exterior Insulation & Finish Systems (EIFS)

Project:

Item	Agent No. (Qualif.)	Scope
1. Material Submittals		
2. Condition of Substrate		
3. Application of Foam Plastic Board		
4. Application of Coatings		
5. Application of Mesh		
6. Ambient Condition and Curing		
7. Flashing and Joint Details		
8. Sealants/Caulks		
9. Other		

Schedule of Special Inspection Services

Special Cases

Project:

Item	Agent No. (Qualif.)	Scope

Schedule of Special Inspection Services Sheet 13 of 13

References

Project:

1. ACI 318-95, *Building Code Requirements for Structural Concrete*, Chapter 3.
2. ACI 318-95, *Building Code Requirements for Structural Concrete*, § 7.4, 7.5, 7.6 and 7.7.
3. ACI 318-95, *Building Code Requirements for Structural Concrete*, § 18.18.
4. ACI 318-95, *Building Code Requirements for Structural Concrete*, Chapter 4 and § 5.2, 5.3, 5.4 and 5.8.
5. ACI 318-95, *Building Code Requirements for Structural Concrete*, § 5.9 and 5.10.
6. ACI 318-95, *Building Code Requirements for Structural Concrete*, § 5.6.
7. ACI 318-95, *Building Code Requirements for Structural Concrete*, § 5.11, 5.12 and 5.13.
8. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 2.3.
9. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 2.6.
10. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 3.2.
11. ACI 530 / ASCE 5 / TMS 402 – 95, *Building Code Requirements for Masonry Structures*, Chapter 8.
12. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 3.5.
13. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 1.8.
14. ACI 530.1 / ASCE 6 / TMS 602 – 95, *Specifications for Masonry Structures*, § 1.4.
15. ACI 530 / ASCE 5 / TMS 402 – 95, *Building Code Requirements for Masonry Structures*, § 4.2 and 5.14.
16. AISC ASD – 89, *Specification for Structural Steel Buildings – Allowable Stress Design and Plastic Design*, § A3.4 and A3.6.
17. AISC LRFD – 93, *Load and Resistance Factor Design Specification for Structural Steel Buildings*, § A3.3 and A3.5.
18. ASTM A6 – 95c, *Specification for General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use.*
19. ASTM A568 – 95, *Specification for Steel Sheet, Carbon and High-Strength, Low-Alloy, Hot-Rolled and Cold Rolled, General Requirements For.*
20. RCSC - 85 (88), *Specification for Structural Joints Using A325 or A490 Bolts*, § 9.
21. AWS D1.1 – 92, *Structural Welding Code – Steel*, § 6.
22. AWS D1.1 – 92, *Structural Welding Code – Steel*, § 7.8.

Note: Where any referenced standard has been superceded, it is recommended that the most up to date standard be used.

Also: See "Condition of Building Permit" for "Architect/Engineer Responsibilities During Construction".

Also: Use of this statement/form shall not be in place of full compliance with The City of Keene Building Code (2000 Edition of The International Building code) nor shall said code limit the engineer of record from applying more stringent requirements.

It is imperative to indicate whether special inspections shall be continuous or periodic in the places provided for "Scope".